

FIGURE 1  
PRIOR ART

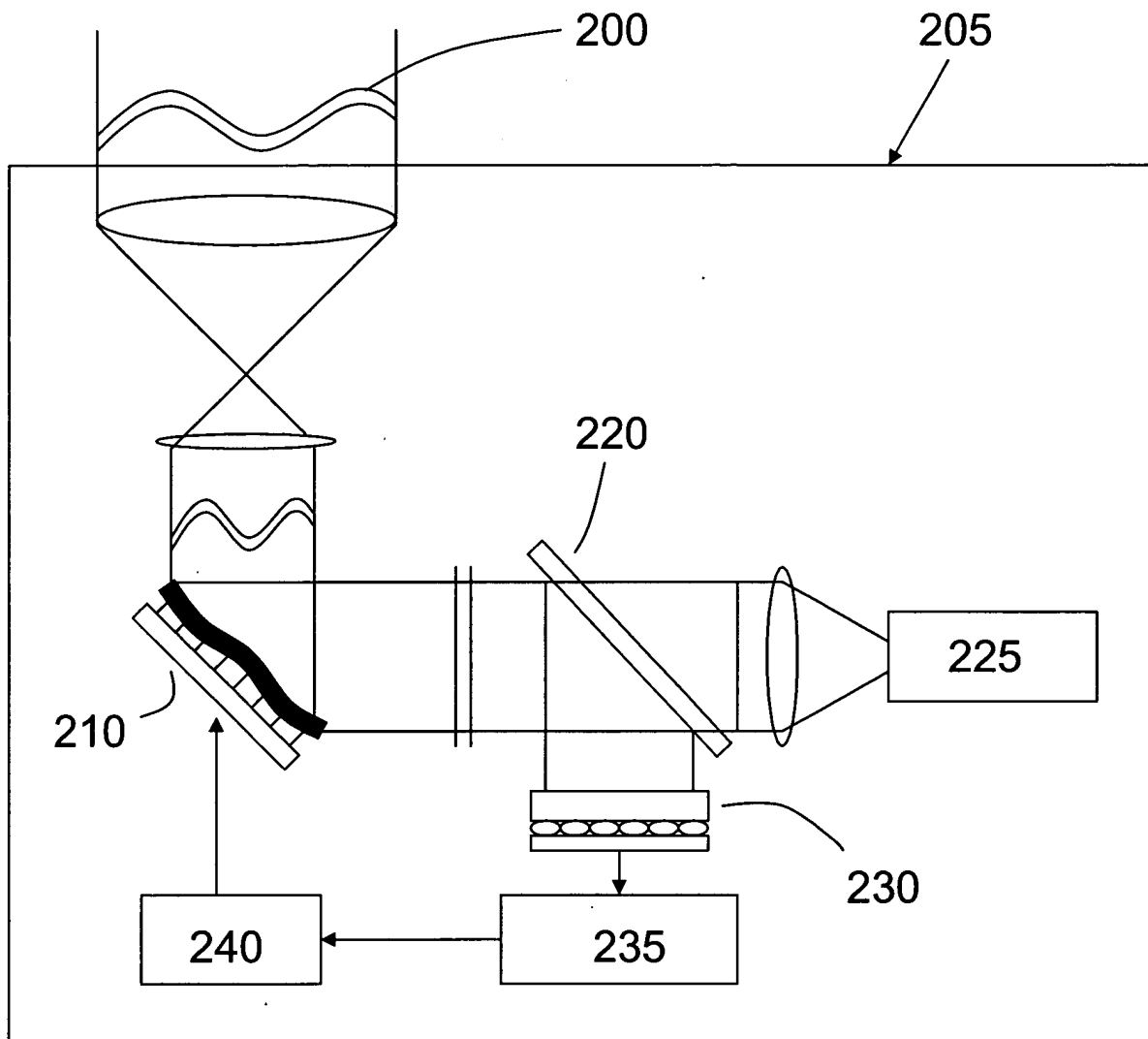


FIGURE 2  
PRIOR ART

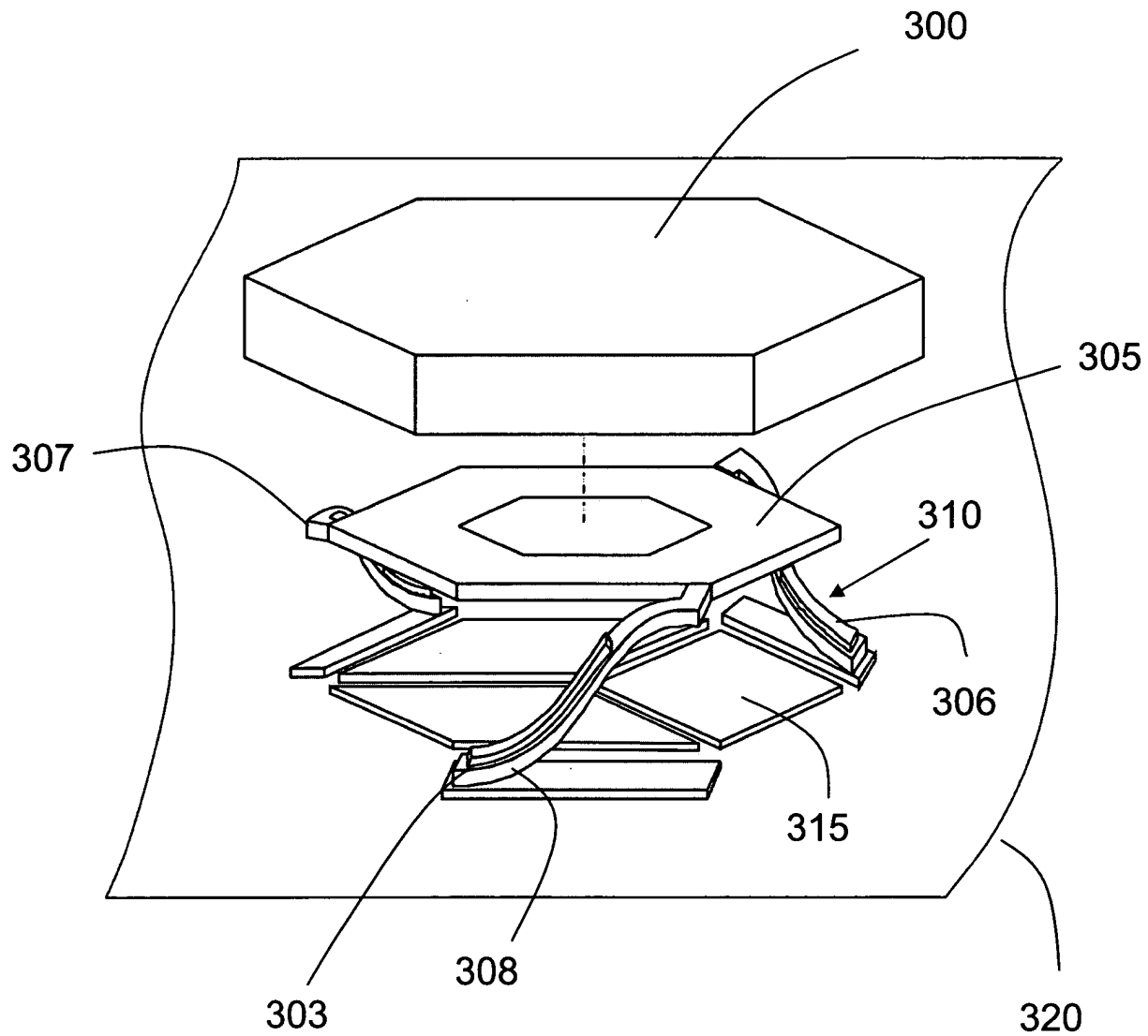


FIGURE 3

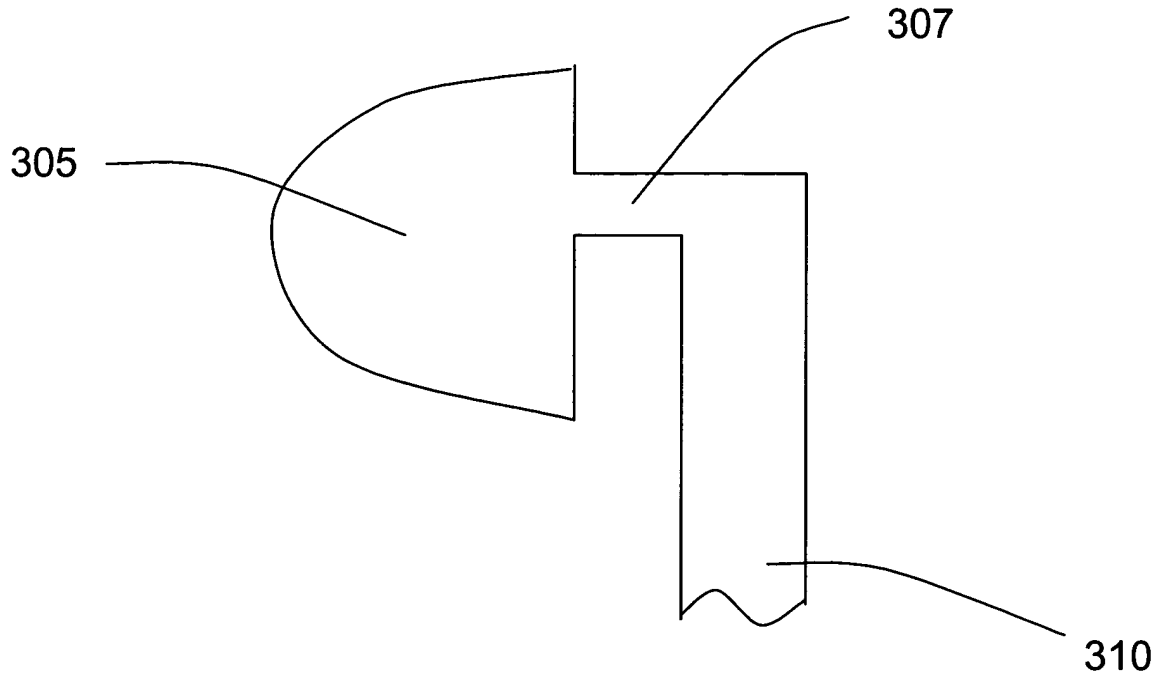


FIGURE: 4

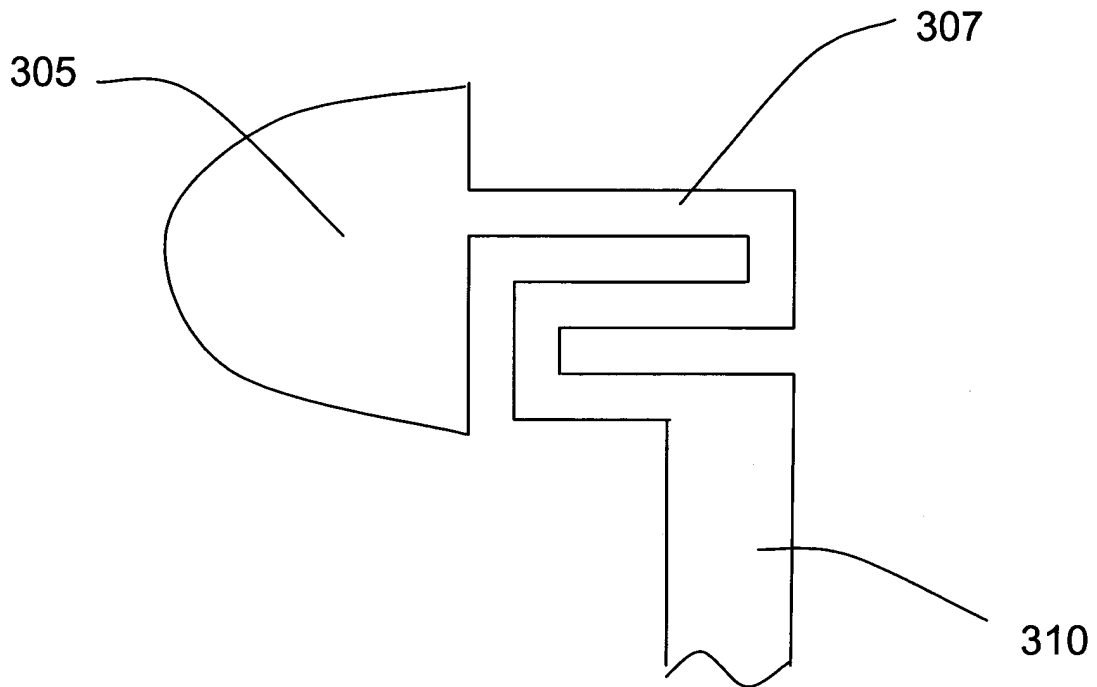


FIGURE: 5

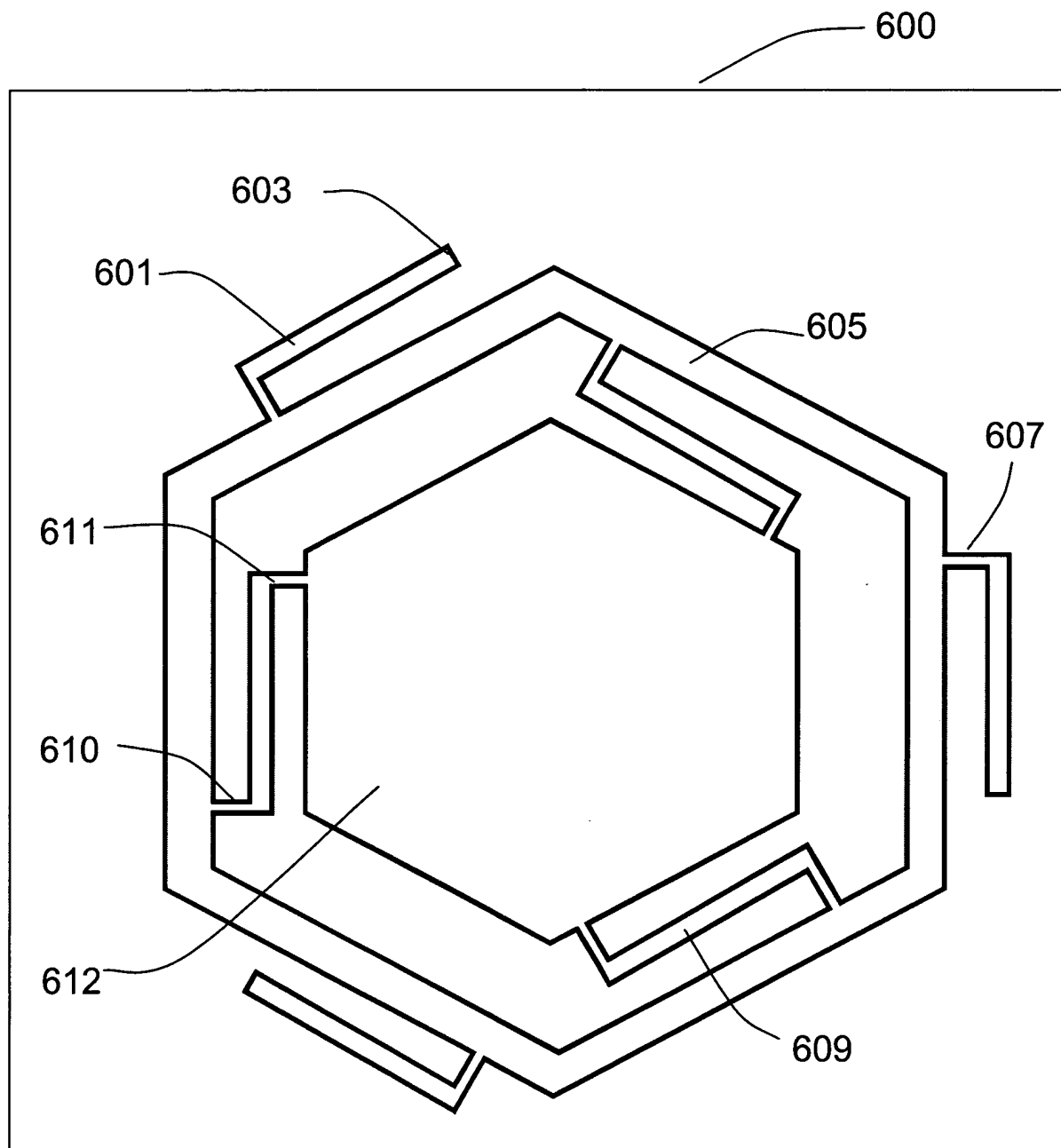


FIGURE: 6

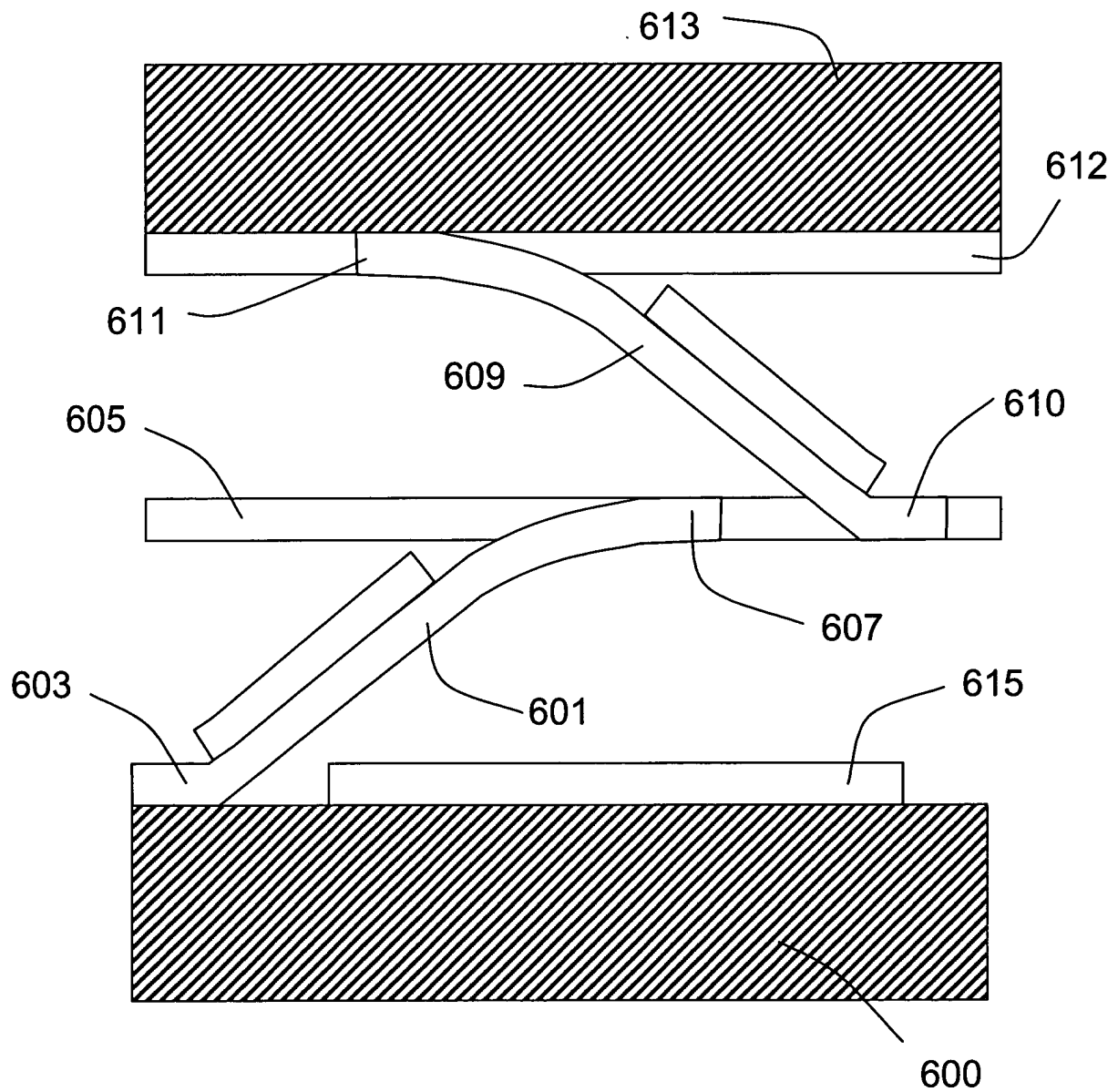


FIGURE: 7

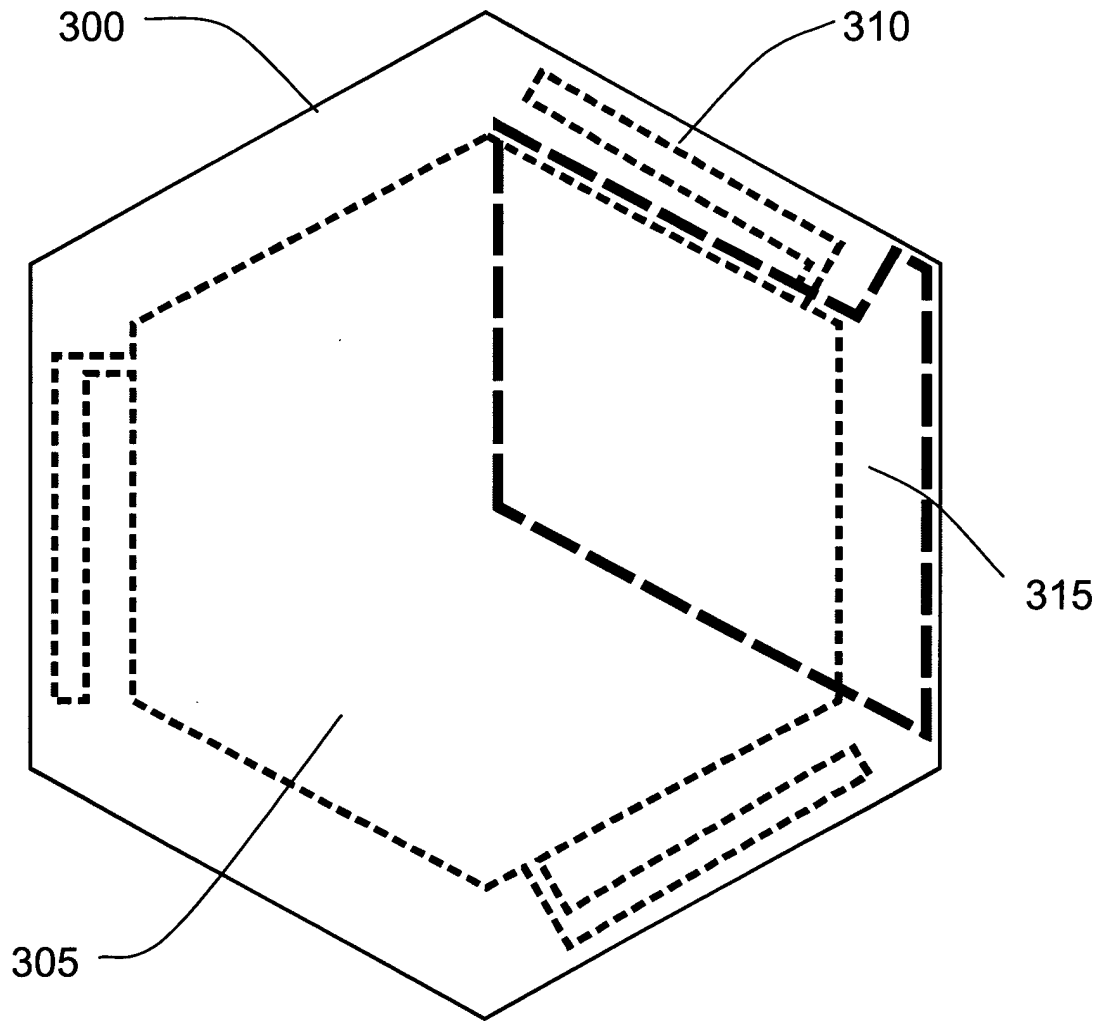


FIGURE: 8

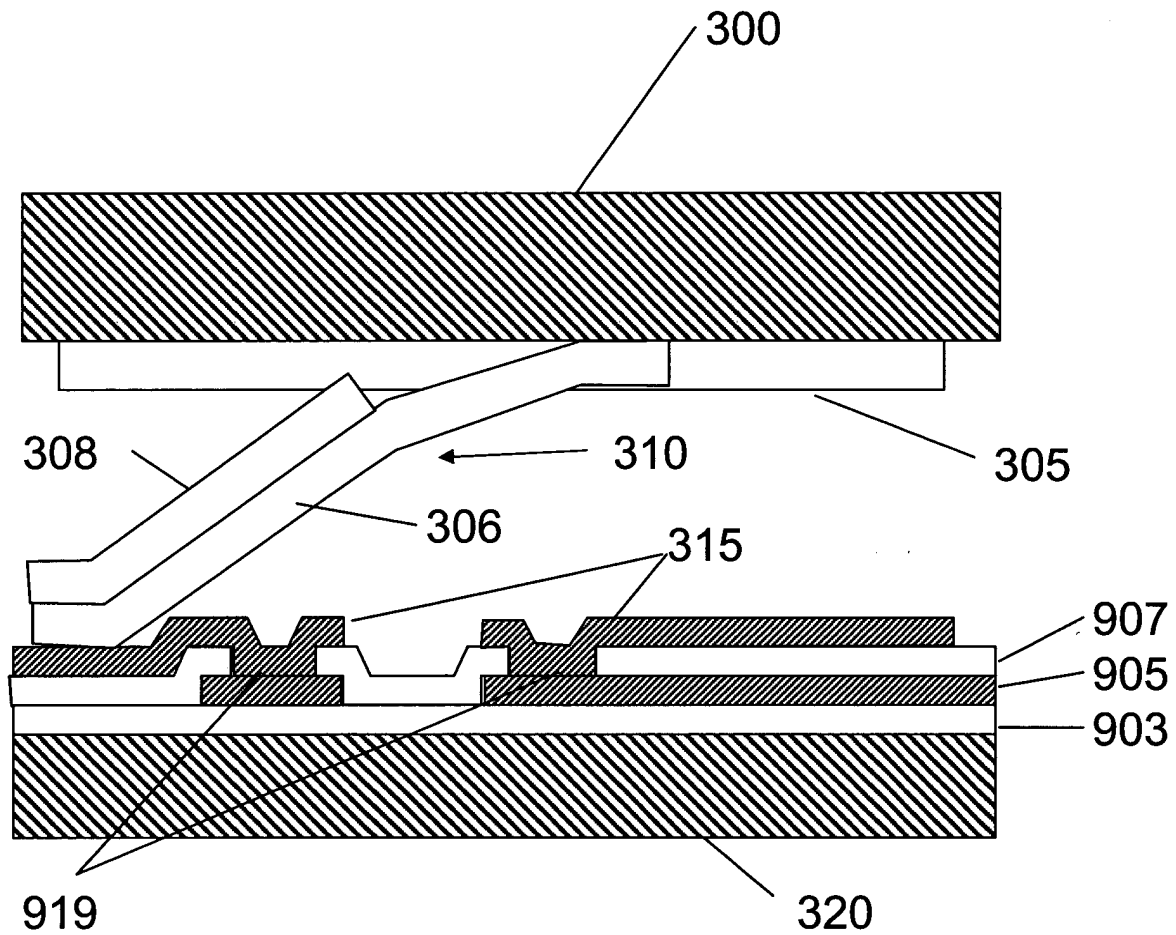


FIGURE: 9



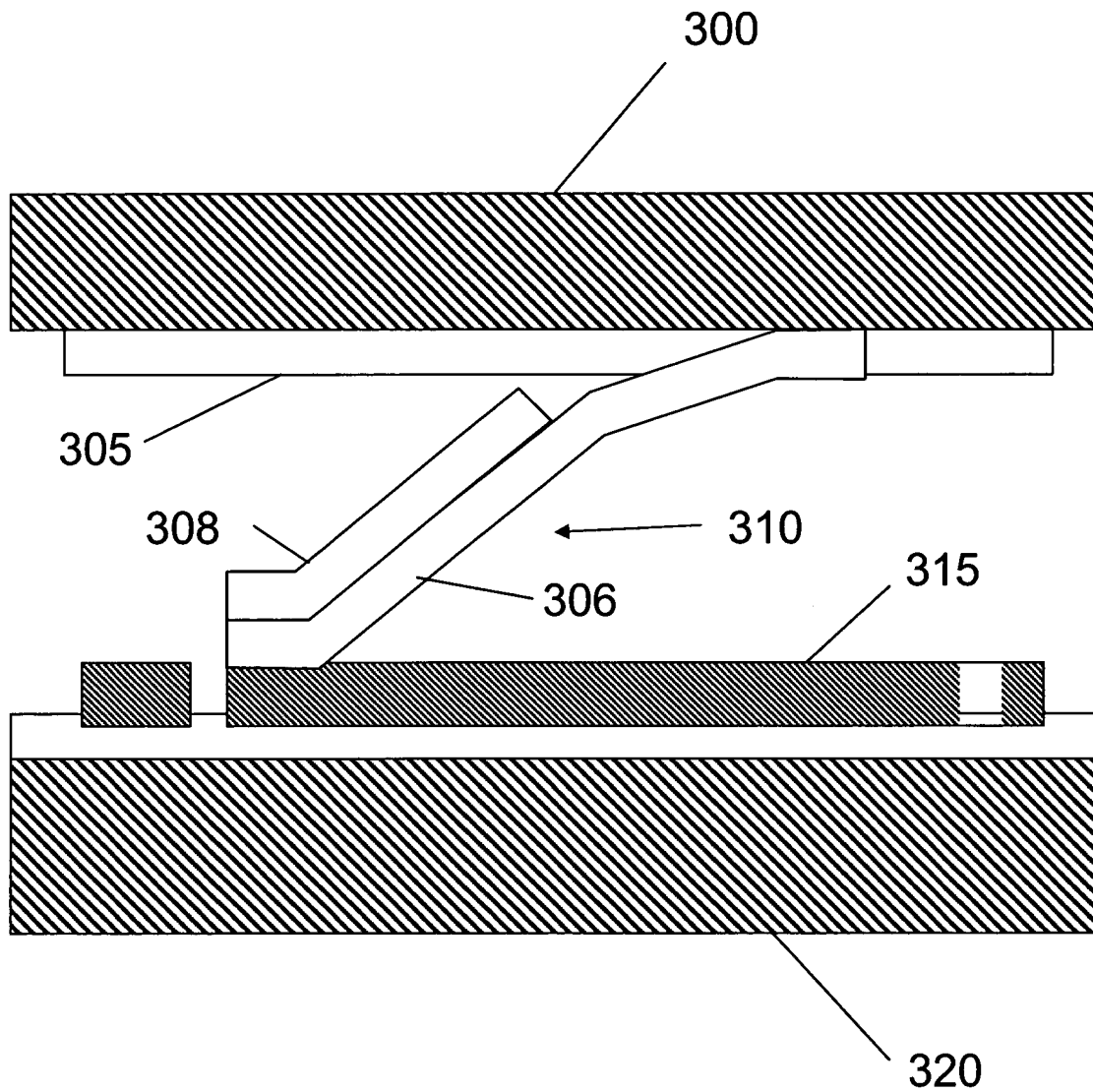


FIGURE: 10

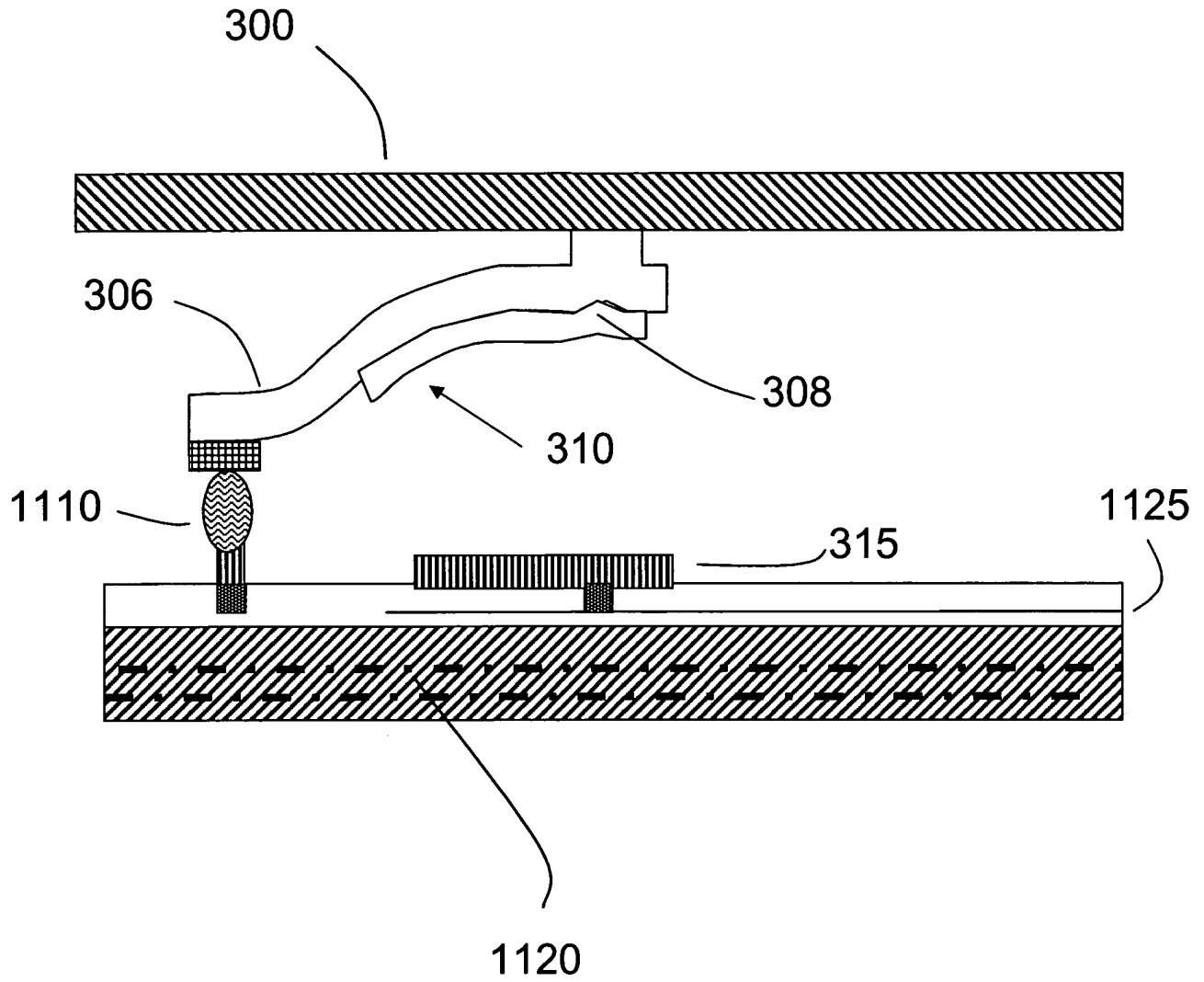


FIGURE 11

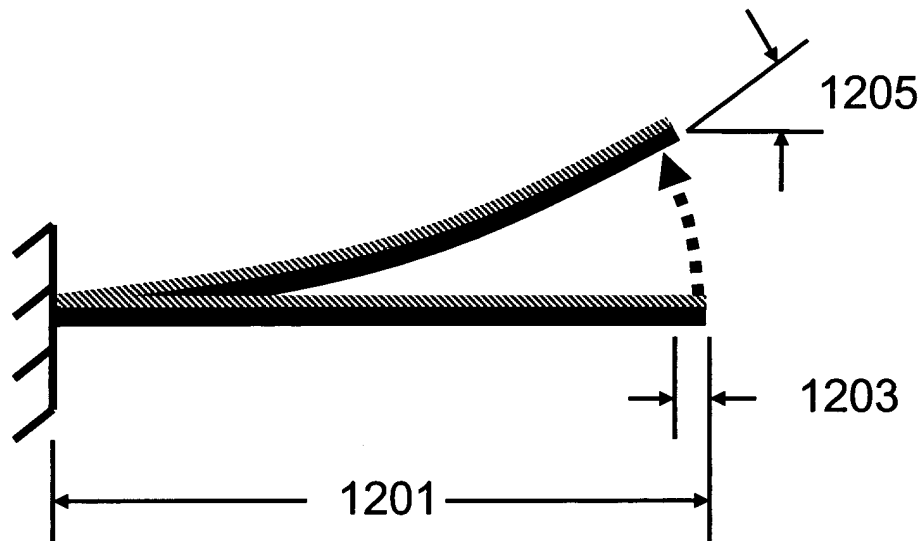


FIGURE: 12

Title: Actuator Apparatus and Method for Improved Deflection Characteristics  
Applicants: Helmbrecht, et al. Docket: IRIS-01000US0  
Appl. No.: Unknown Atty: Larry E. Vierra  
Filing Date: November 7, 2003 Phone: (415) 369-9660

| angle of twist per unit moment<br>( $\theta/\text{Nm}$ ) | t ( $\mu\text{m}$ ) | i ( $\mu\text{m}$ ) | h ( $\mu\text{m}$ ) |
|--|---------------------|---------------------|---------------------|
| 3.50E+07   | 1.1                 | 10                  | 10                  |
| 1.40E+07   | 1.1                 | 10                  | 4                   |
| 6.10E+07   | 1.1                 | 6                   | 10                  |
| 7.00E+06   | 1.1                 | 10                  | 2                   |

FIGURE 13

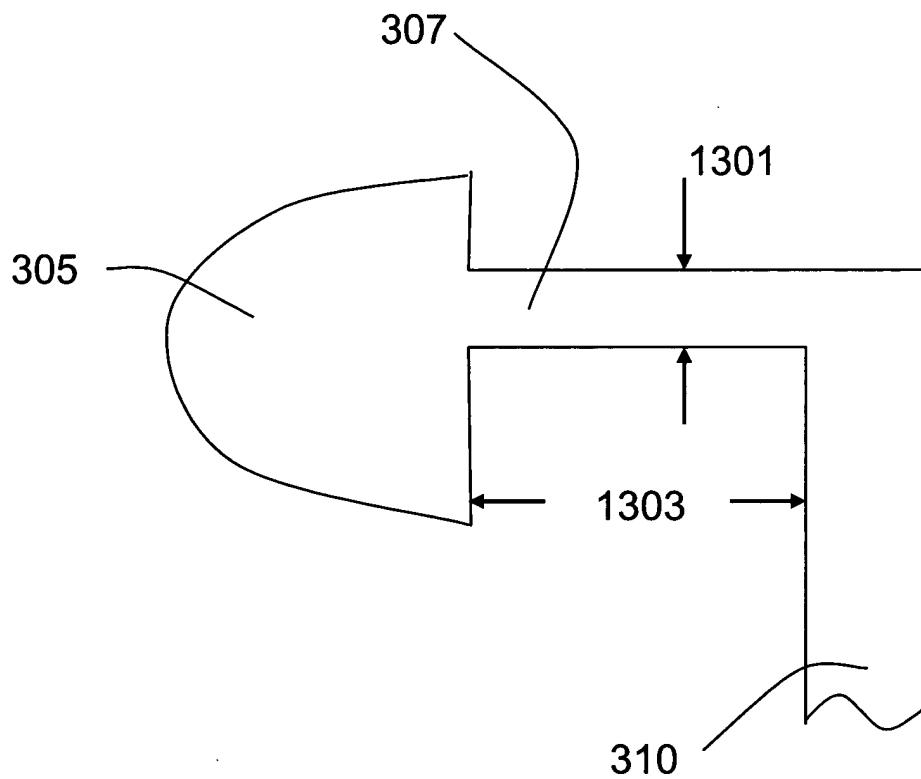


FIGURE: 13